Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of forming dual work function metal gate electrodes in a semiconductor device, comprising:

forming a gate dielectric over a substrate;

depositing a mold layer having a first opening therein over said gate dielectric; [and]

creating a first metal gate electrode by depositing a first metal in said first opening;

then, etching said mold layer to form a second opening; and
depositing a second metal in said second opening to form a second metal gate
electrode.

- 2-5. (Cancelled)
- 6. (Original) The method as recited in Claim 1, wherein said mold layer is selected from the group consisting of
 - a resist material;
 - an organic polymer; and
 - an inorganic material.
- 7. (Original) The method as recited in Claim 1, wherein said mold layer is substantially removed after depositing said first and second metal.

- 8. (Original) The method as recited in Claim 1, wherein said first metal has a work function between about 4 and about 4.2 eV and said second metal has a work function between about 5 and about 5.2 eV.
- 9. (Original) The method as recited in Claim 1, wherein said first metal is selected from the group consisting of:

titanium;

chromium;

manganese;

zirconium;

tantalum;

tantalum nitride; and

mixtures thereof.

10. (Original) The method as recited in Claim 1, wherein said first metal is selected from the group consisting of:

cobalt;

nickel;

molybdenum;

ruthenium:

rhodium;

palladium;

rhenium;

iridium;

platinum;

gold; and

mixtures thereof.

- 11. (Currently Amended) The method as recited in Claim 12, wherein said creating said first and second metal further includes removing excess first and second metals located above said mold layer.
- (Original) The method as recited in Claim 11, wherein said removing includes chemical mechanical polishing one or both of said first and second metals.
- 13. (Original) The method as recited in Claim 11, wherein said removing includes dry etching one or both of said first and second metals.
- 14. (Original) The method as recited in Claim 1, further including forming source and drain structures that are self-aligned with at least one of said first and second metals.

15-20 (canceled).

21. (new) A method of forming dual work function metal gate electrodes in a semiconductor device, comprising:

forming a gate dielectric over a substrate;

depositing a first mold layer over said gate dielectric;

etching said first mold layer to create a first opening;

creating a first metal gate electrode by depositing a first metal in said first opening;

removing said first mold layer,

forming a second mold layer,

then, etching said second mold layer to create a second opening; and depositing a second metal in said second opening.

- 22. (new) The method as recited in Claim 21, wherein first and second mold layers have different chemical compositions.
- 23. (new) The method as recited in Claim 21, wherein said mold layer is selected from the group consisting of

a resist material;

an organic polymer, and

an inorganic material.

- 24. (New) The method as recited in Claim 21, wherein said first metal has a work function between about 4 and about 4.2 eV and said second metal has a work function between about 5 and about 5.2 eV.
- 25. (New) The method as recited in Claim 21, wherein said first metal is selected from the group consisting of:

titanium:

chromium;

manganese;

zirconium;

tantalum;

tantalum nitride; and

mixtures thereof.

26 (New) The method as recited in Claim 21, wherein said first metal is selected from the group consisting of:

cobalt;

nickel;

molybdenum;

ruthenium;

rhodium;

palladium;

rhenium;

iridium;

platinum;

gold; and

mixtures thereof.